



Rabbit Anti-FBXL3 antibody

SL8467R

Product Name:	FBXL3
Chinese Name:	FBXL3蛋白抗体
Alias:	F box and leucine rich repeat protein 3; F box and leucine rich repeat protein 3A; F box protein Fbl3a; F-box and leucine-rich repeat protein 3A; F-box/LRR-repeat protein 3; F-box/LRR-repeat protein 3A; FBL3; FBL3A; Fbxl3; FBXL3_HUMAN; FBXL3A.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	49kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FBXL3:151-250/428
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Substrate-recognition component of some SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex involved in circadian clock function. The SCF(FBXL3) complex acts by mediating ubiquitination and subsequent degradation of CRY1 and CRY2. Recruiter of target protein that may recognize and bind to some phosphorylated proteins and promotes their ubiquitination and degradation.

Function:

Substrate-recognition component of some SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex involved in circadian clock function. The SCF(FBXL3) complex acts by mediating ubiquitination and subsequent degradation of CRY1 and CRY2. Recruiter of target protein that may recognize and bind to some phosphorylated proteins and promotes their ubiquitination and degradation.

Subunit:

Part of a SCF (SKP1-cullin-F-box) protein ligase complex. Interacts with CRY1 and CRY2.

Subcellular Location:

Nucleus. Cytoplasm. Predominantly nuclear.

Tissue Specificity:

Widely expressed.

Similarity:

Contains 1 F-box domain.

Contains 7 LRR (leucine-rich) repeats.

SWISS:

Q9UKT7

Gene ID:

26224

Database links:

[Entrez Gene: 26224](#)Human

[Entrez Gene: 50789](#)Mouse

[Entrez Gene: 306129](#)Rat

[Omim: 605653](#)Human

[SwissProt: Q9UKT7](#)Human

[SwissProt: Q8C4V4](#)Mouse

[Unigene: 508284](#)Human

[Unigene: 214746](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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